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Boiler Applications Drawings

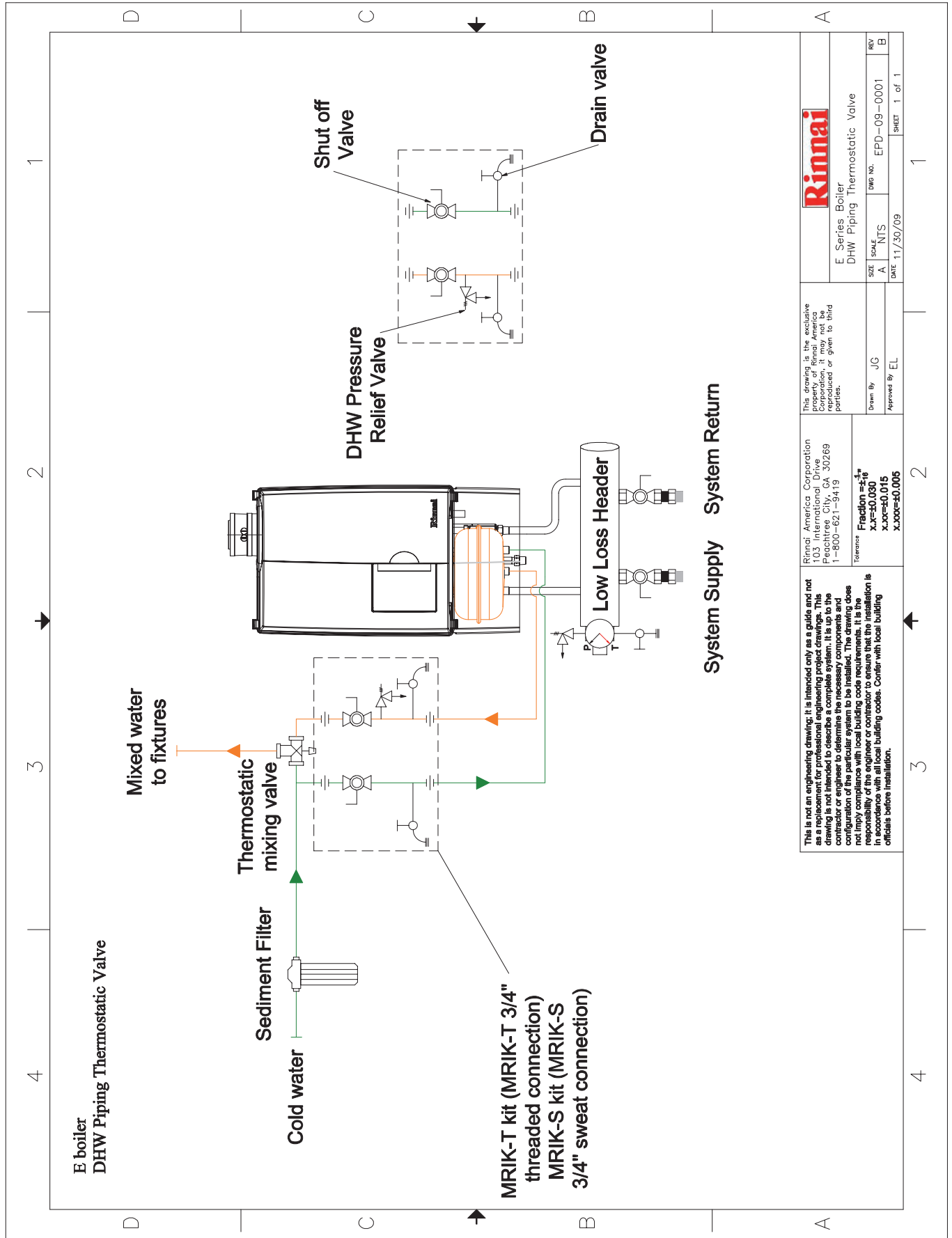


800000026 Rev B

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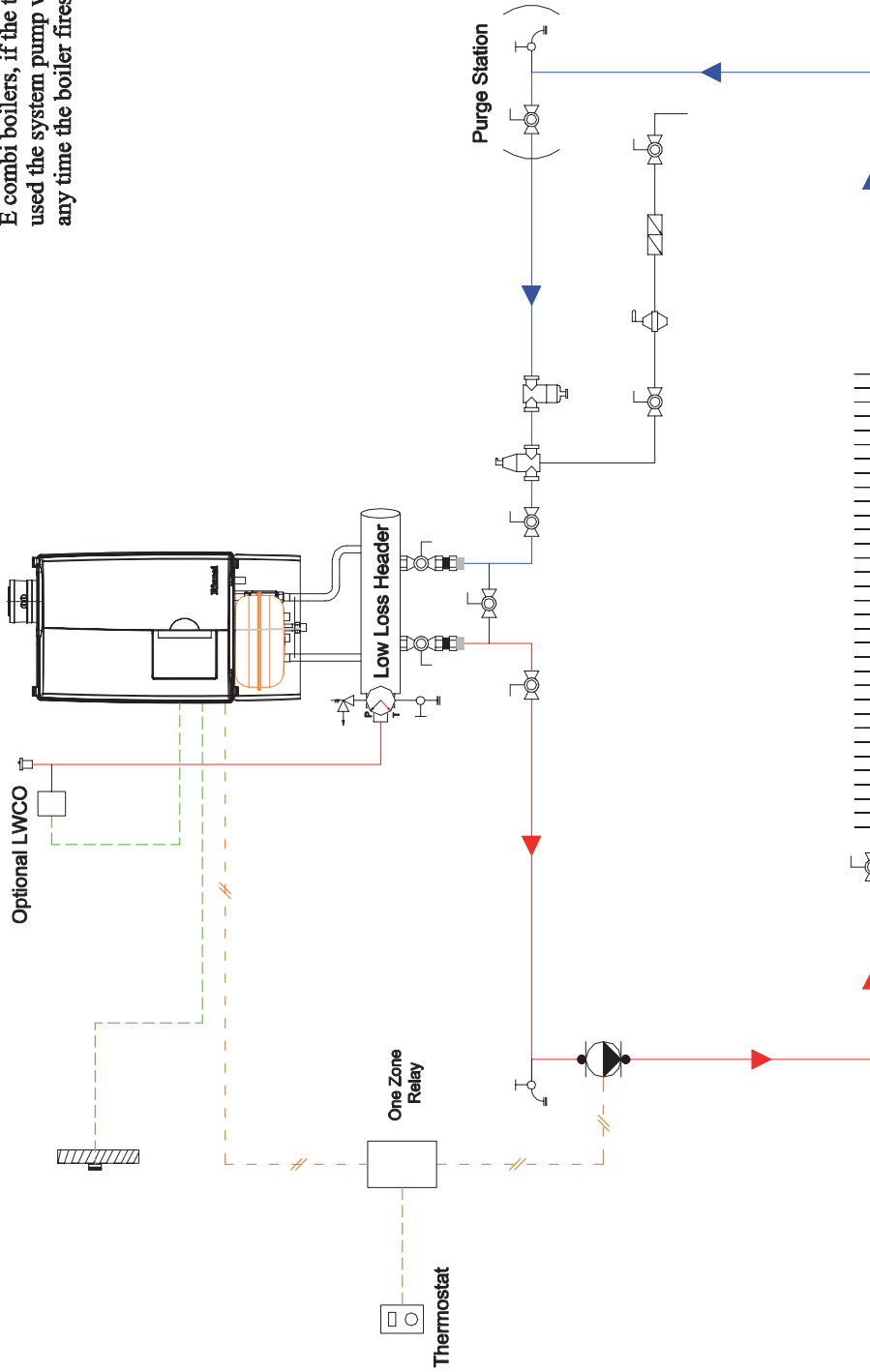
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<p>Rinnai America Corporation 103 International Drive Peachtree City, GA 30269 1-800-621-9419</p>		<p>Rinnai E Series Boiler DHW Piping Thermostatic Valve</p>	
<p>Reference Fraction = $\frac{1}{8}$" XX = ± 0.030 XXX = ± 0.015 XXXX = ± 0.005</p>	<p>Drawn By JG Approved By EL</p>	<p>SIZE SCALE A NTS</p>	<p>DWG NO. EPD-09-0001 REV B</p>
<p>DATE 11/30/09</p>		<p>SHEET 1 of 1</p>	

E boiler Single Zone

Note:
A single zone relay should be used with E combi boilers, if the the relay is not used the system pump will be activated any time the boiler fires for heat or DHW



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Peachtree City, GA 30269
1-800-621-9419

Tolerance
Fraction = $\frac{1}{8}$ "
xx=±0.030
x.xx=±0.015
x.xxx=±0.005

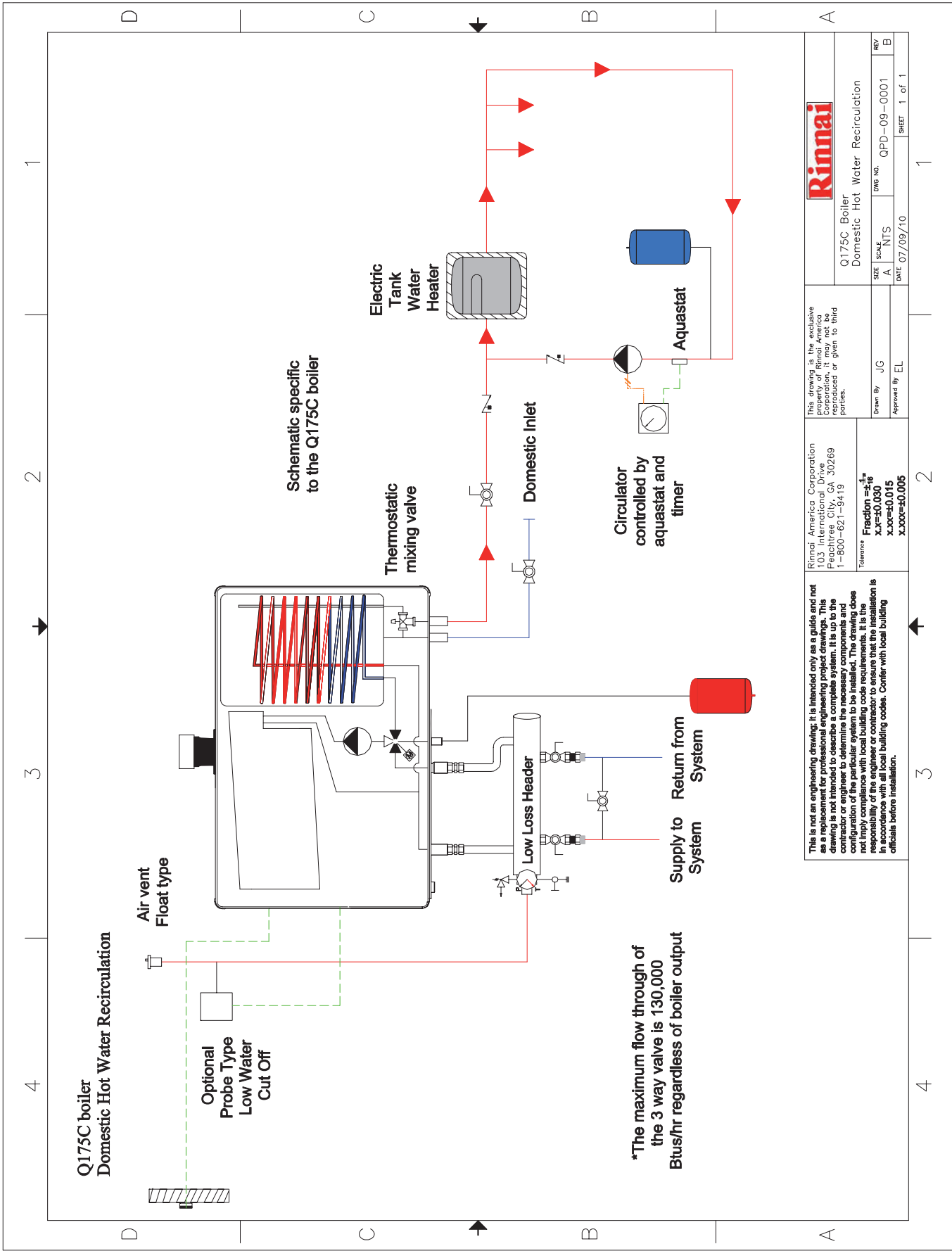
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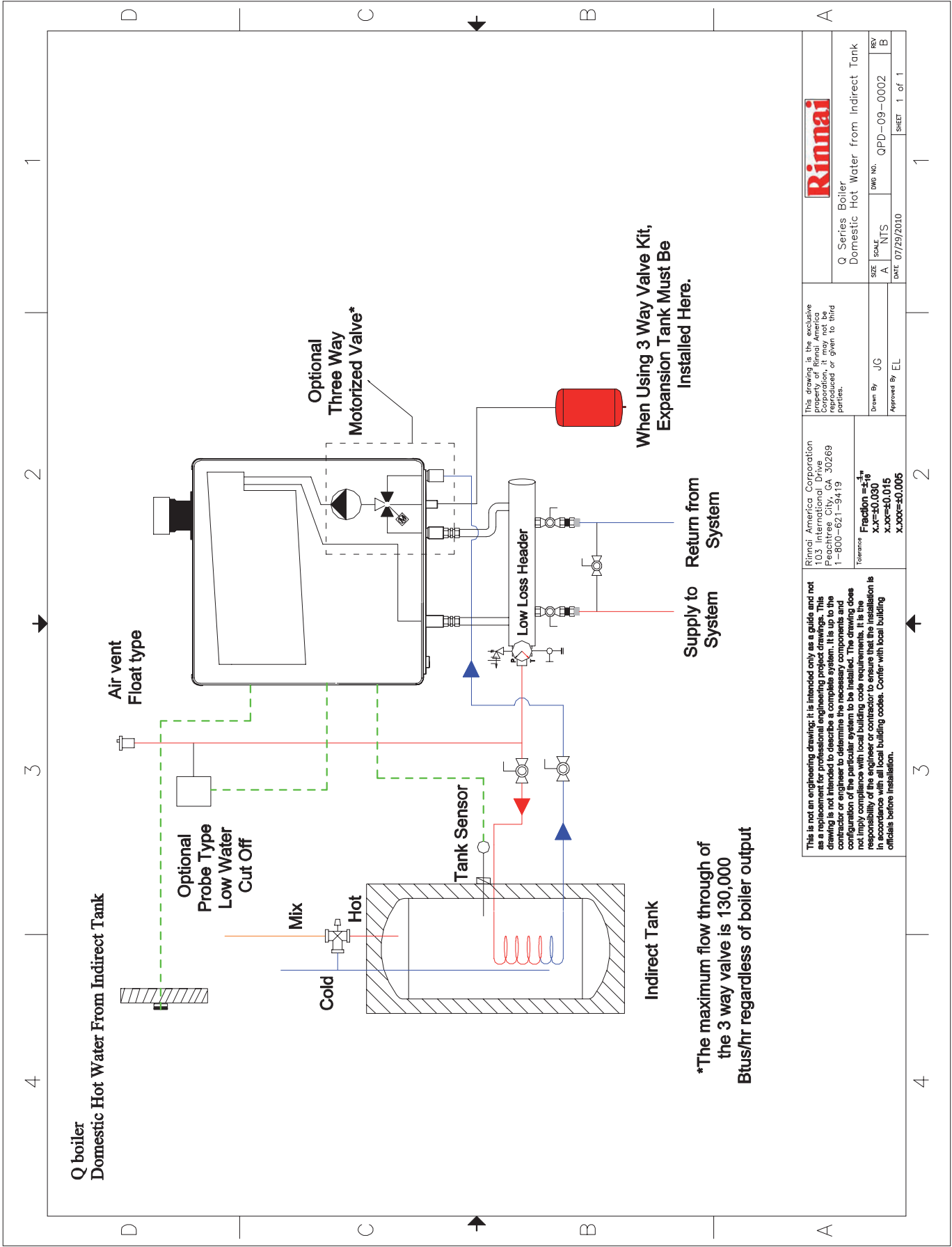
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E Series Boiler
Single Zone

SIZE	SCALE	DWG NO.	REV
A	NTS	EPA-09-0001	B
DATE 07/09/10			SHEET 1 of 1



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Fraction = $\frac{1}{8}$ xx=±0.030 xxx=±0.015 xxxx=±0.005		Drawn By JG Approved By EL		Q175C Boiler Domestic Hot Water Recirculation		REV B	
Tolerance		DATE 07/09/10		DWG NO. QPD-09-0001		SHEET 1 of 1	



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Q Series Boiler		QPD-09-0002	REV
Domestic Hot Water from Indirect Tank	Scale	NTS	B
Size	A	NTS	
Date	07/29/2010		

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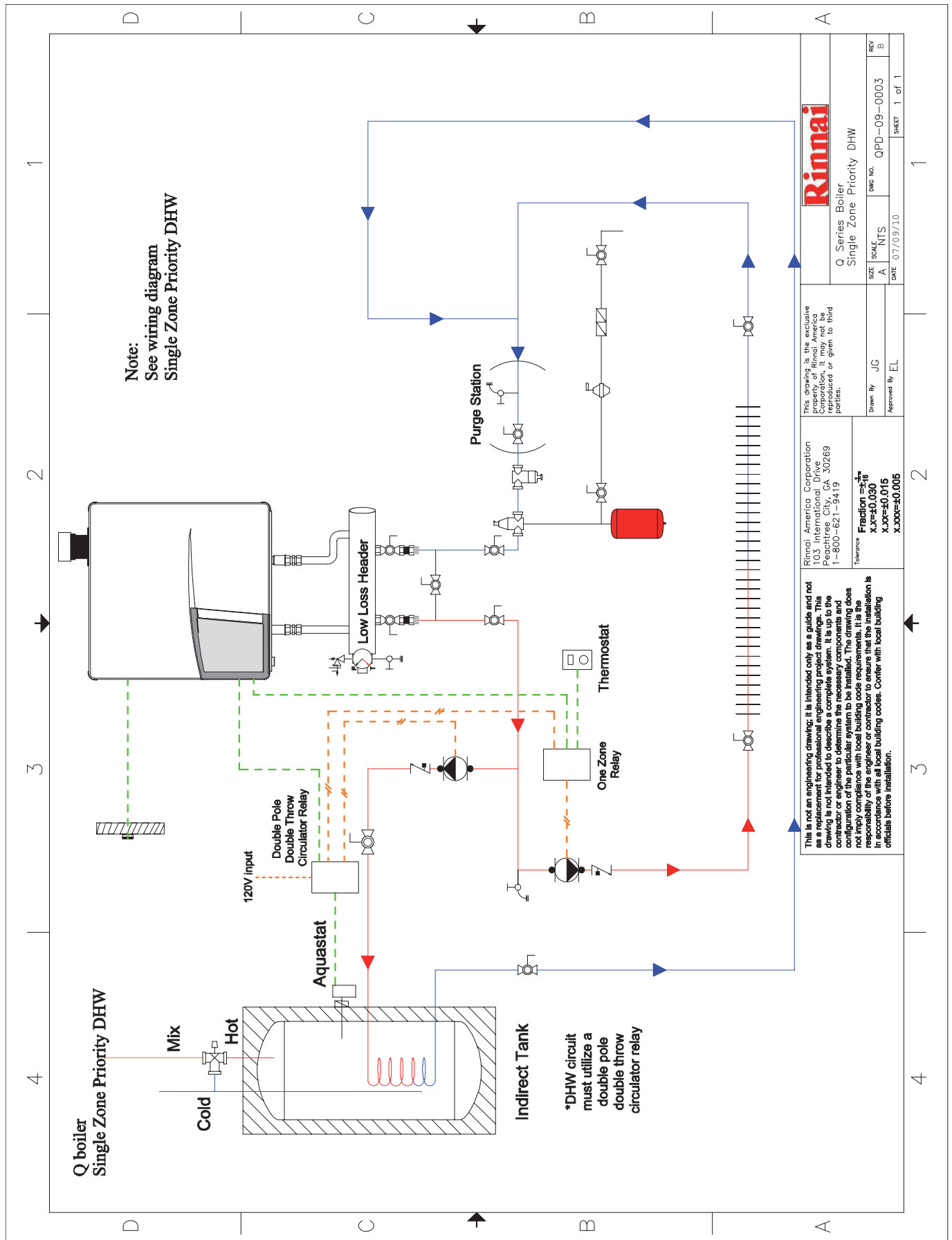
Drawn By: JG

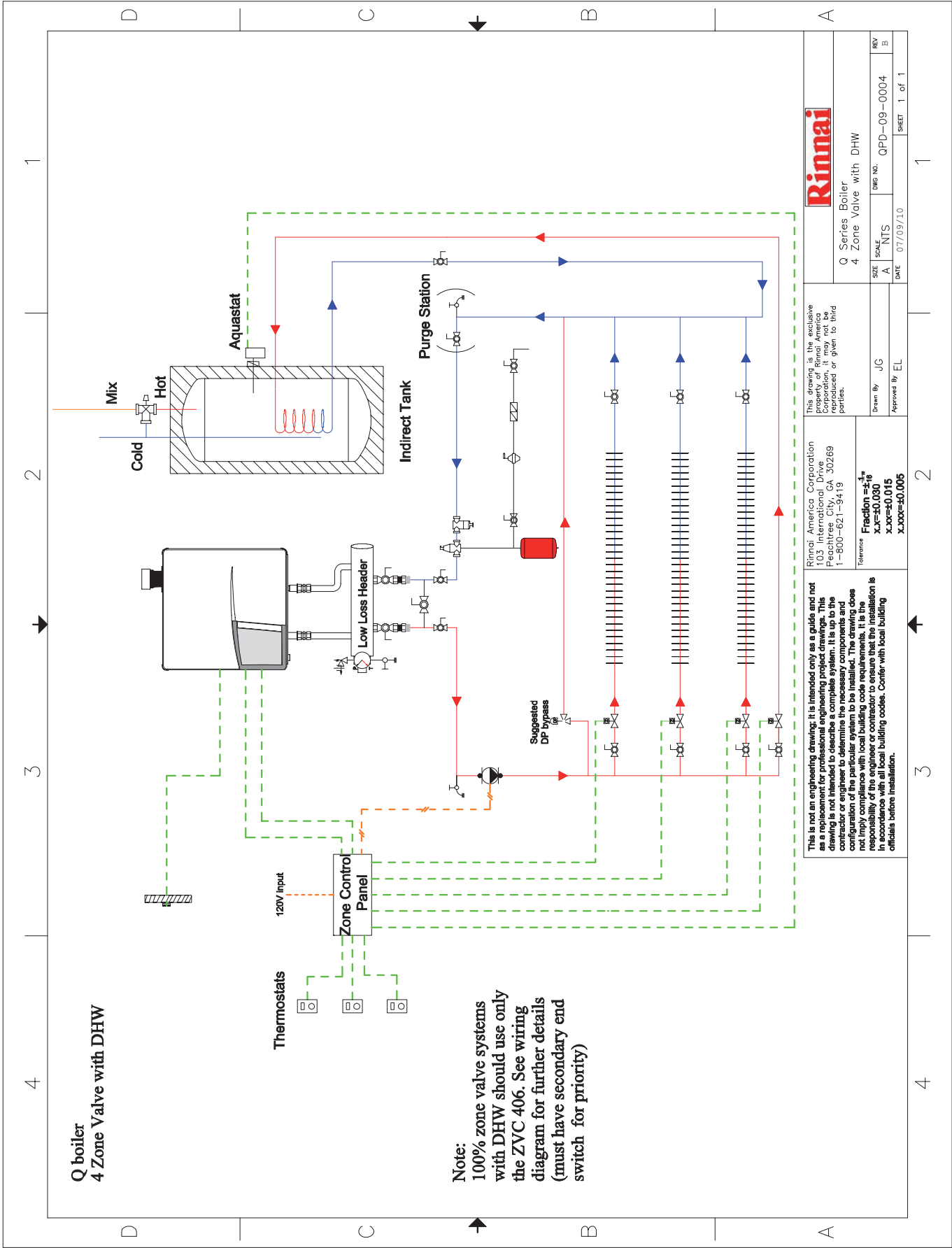
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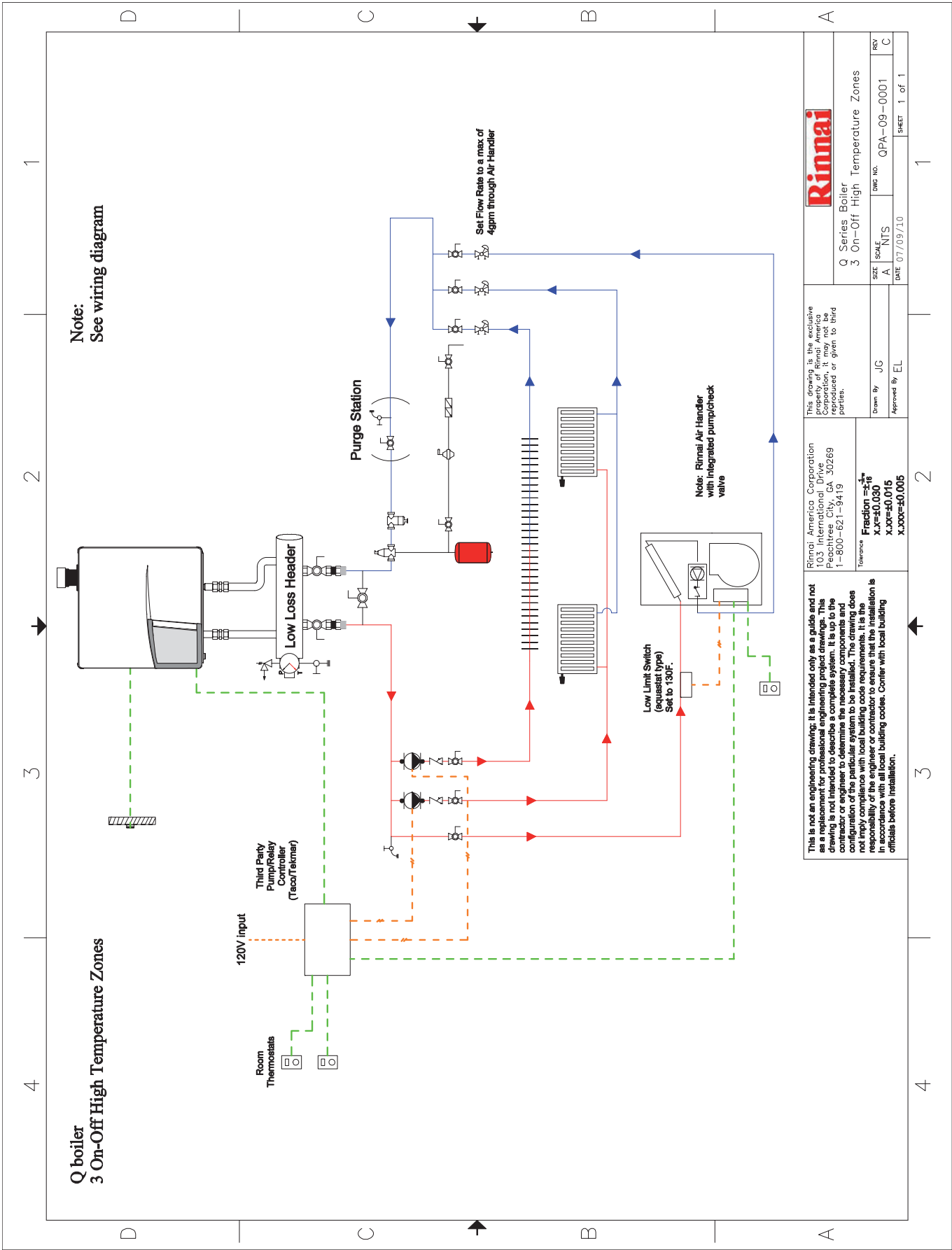
Tolerance
Fraction $\pm \frac{1}{16}$
X.XX ± 0.000
X.XXX ± 0.015
X.XXXX ± 0.005

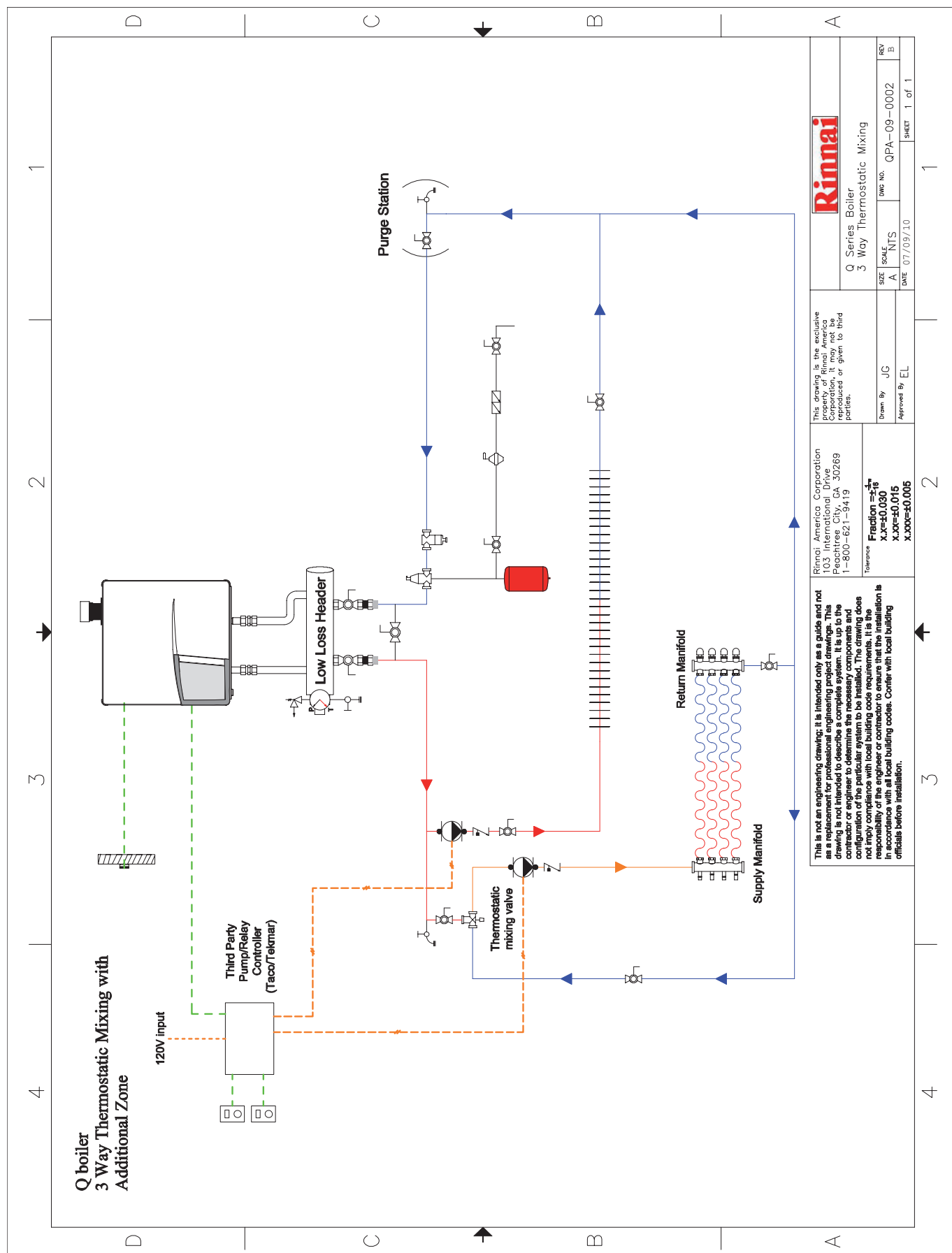
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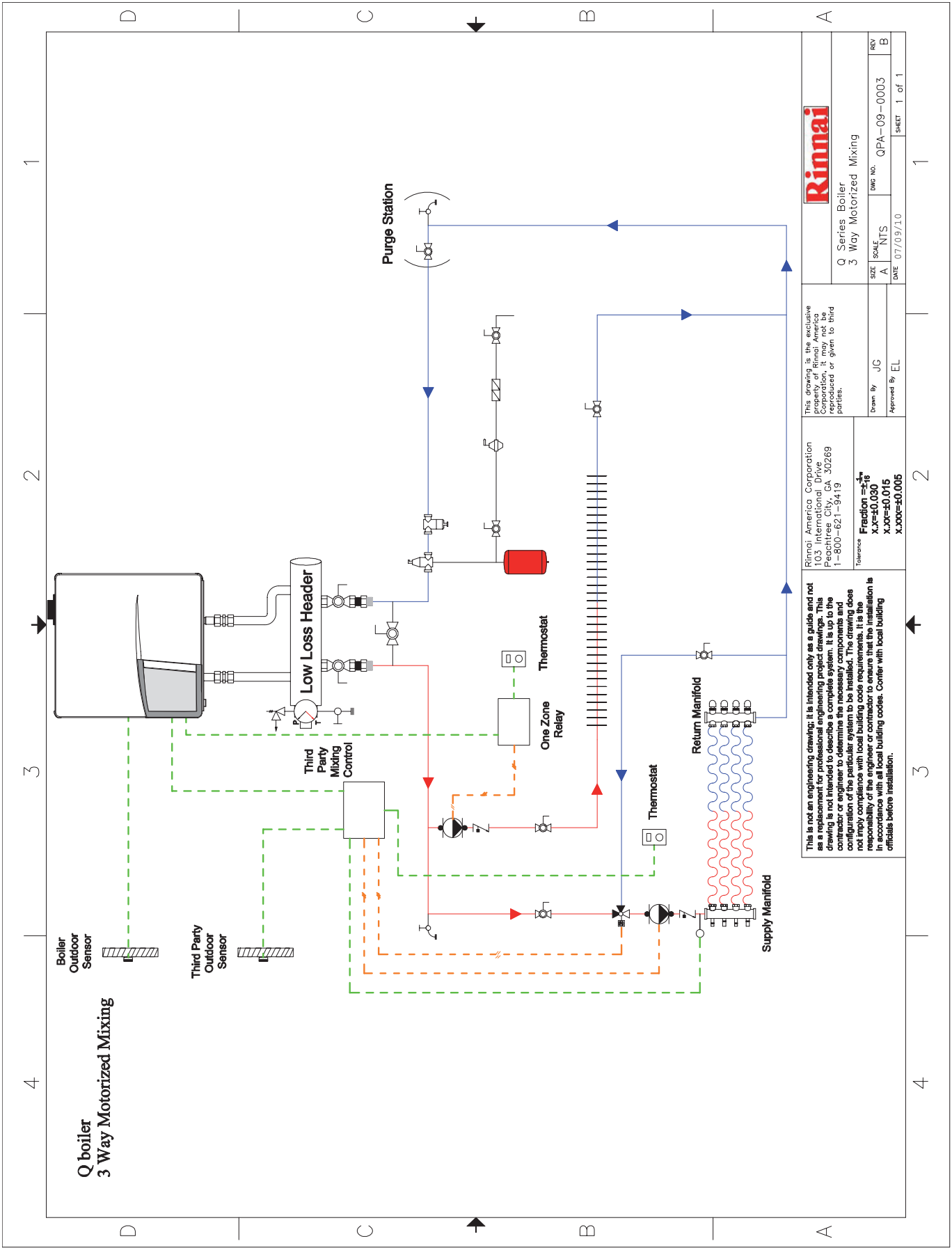


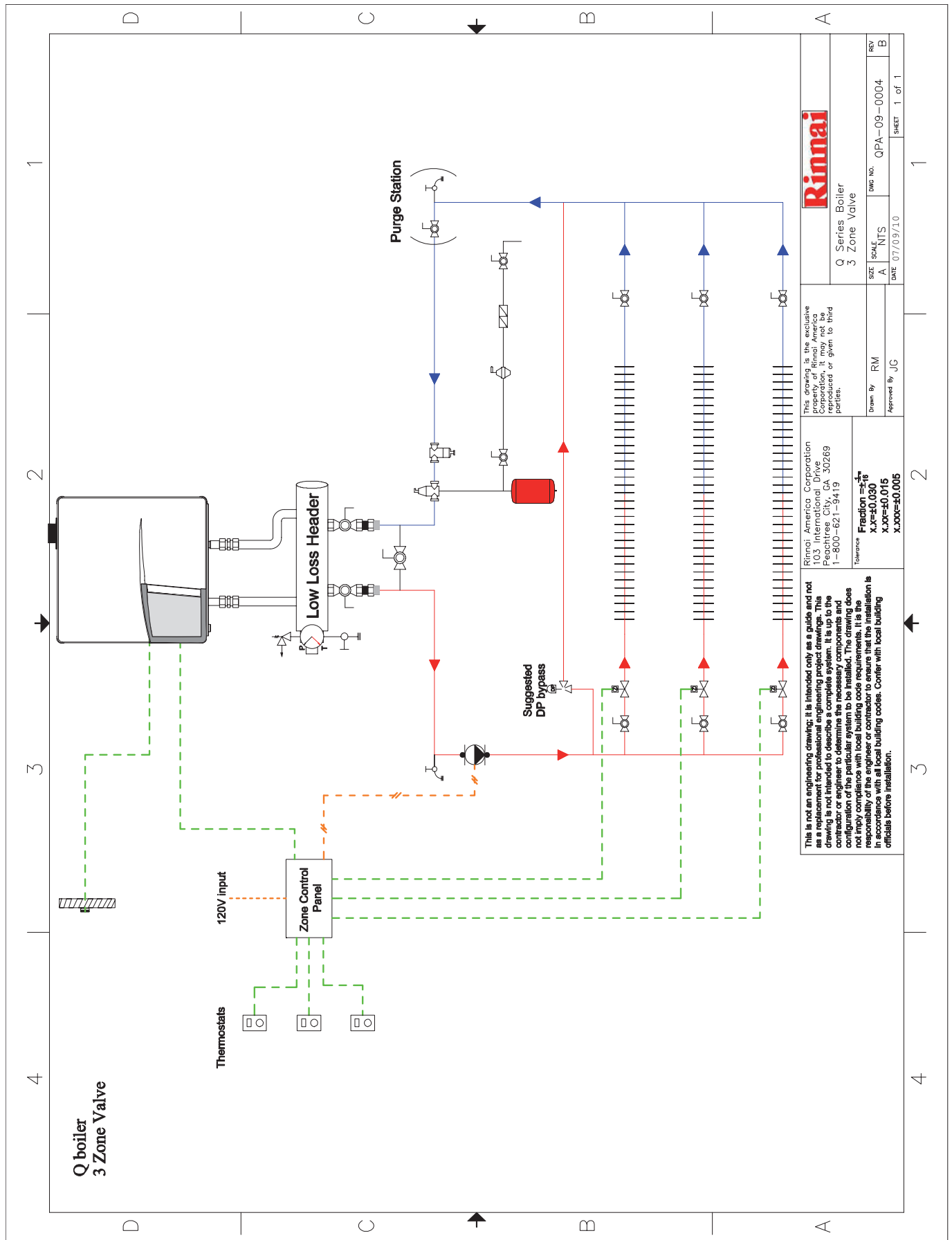


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<p>Rinnai America Corporation 103 International Drive Peachtree City, GA 30269 1-800-621-9419</p>			
<p>Q Series Boiler 4 Zone Valve with DHW</p>		<p>Drawn By: JC</p>	<p>Scale: NTS</p>
<p>Tolerance: Fraction = $\frac{1}{16}$ X.YZ = +0.030 X.XXX = +0.015 X.XXXX = +0.005</p>		<p>Approved By: EL</p>	<p>DATE: 07/09/10</p>
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		<p>SHEET: 1 of 1</p>	

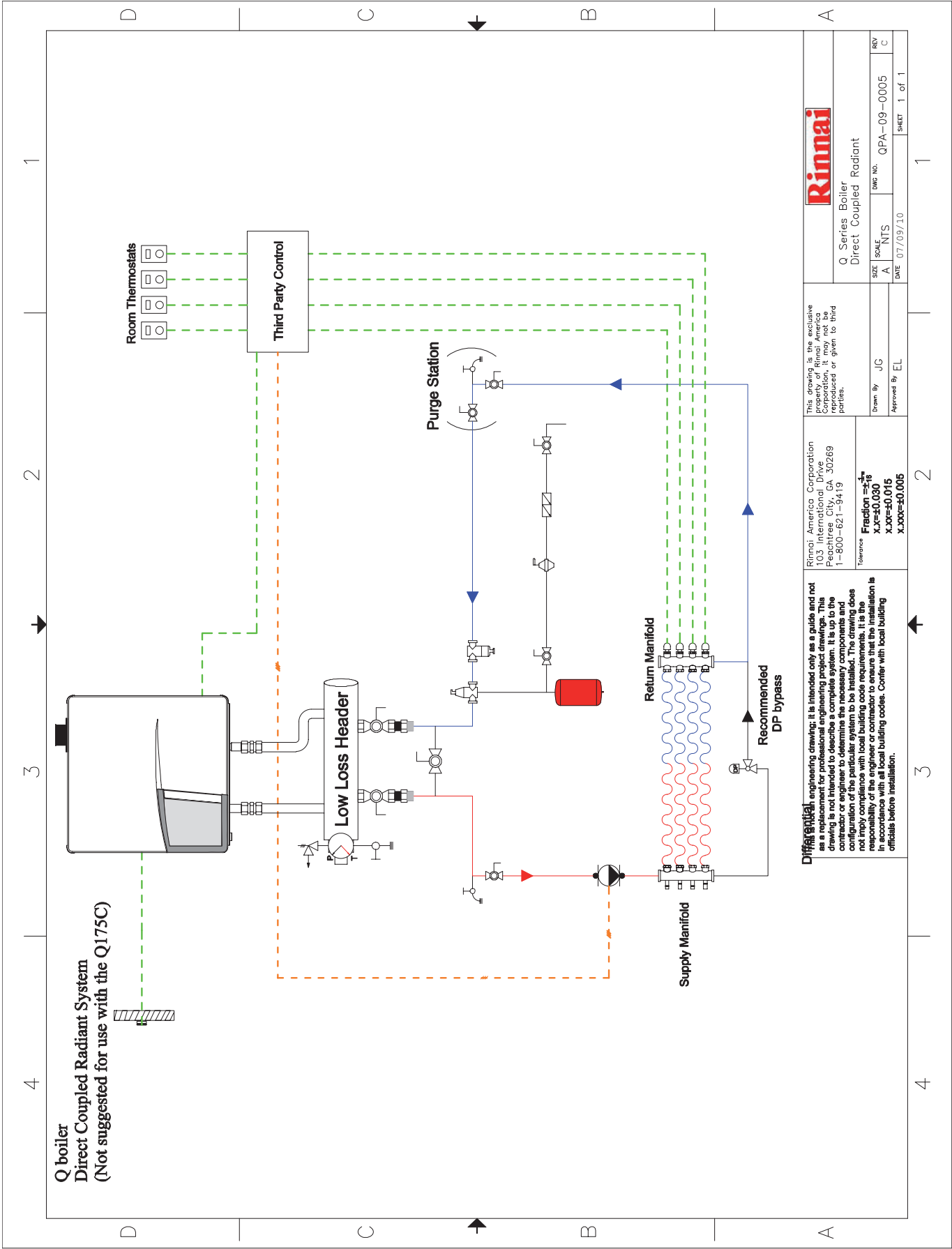


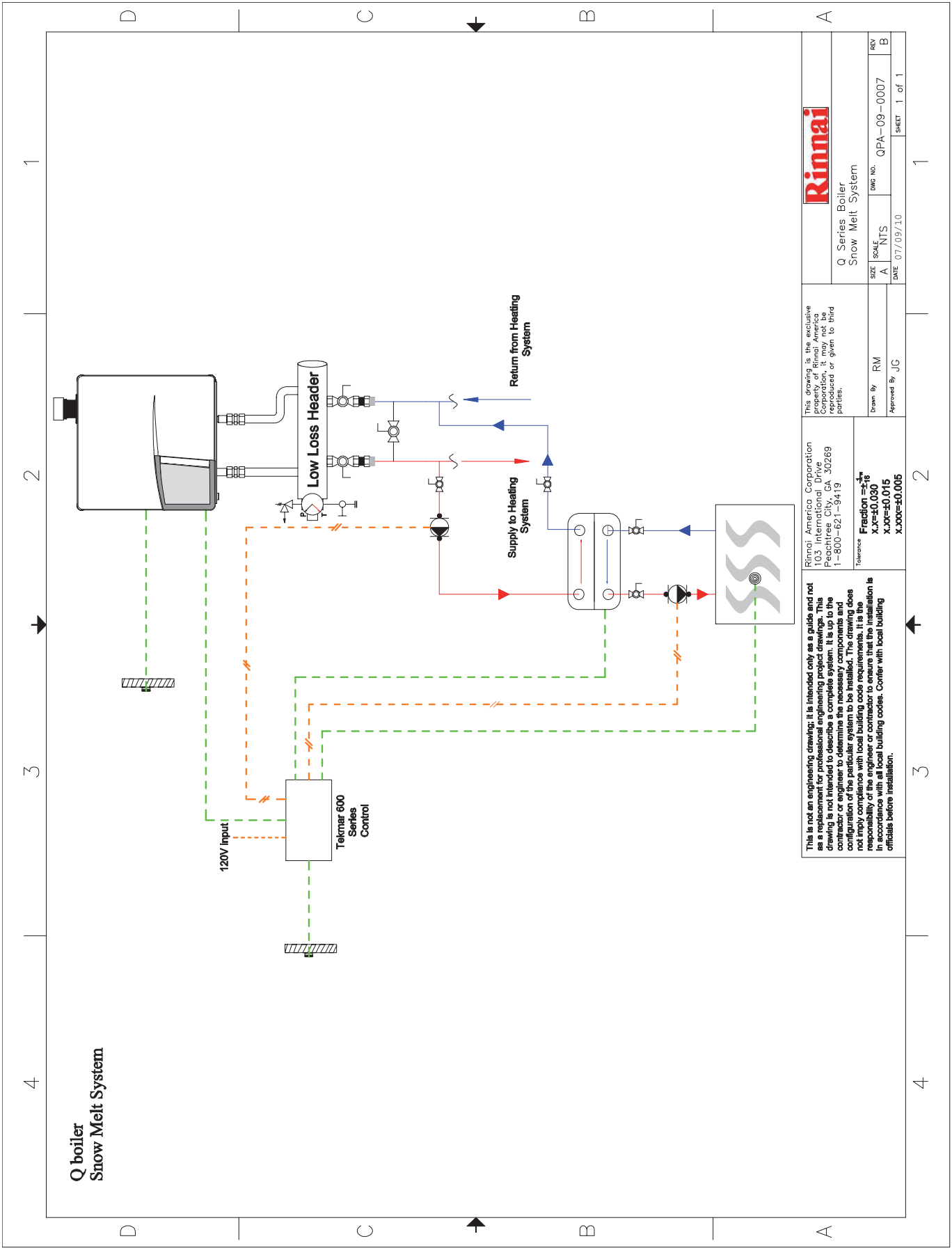






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<p>Tolerance Fraction $\pm \frac{1}{16}$ XX-±0.030 XXX-±0.015 XXXX-±0.005</p>			
<p>Drawn By RM</p>		<p>Approved By JG</p>	
<p>Q Series Boiler 3 Zone Valve</p>		<p>SIZE A</p>	<p>REV B</p>
<p>DATE 07/09/10</p>		<p>SCALE A NTS</p>	<p>DWG NO. QPA-09-0004</p>
<p>SHEET 1 of 1</p>		<p>1</p>	





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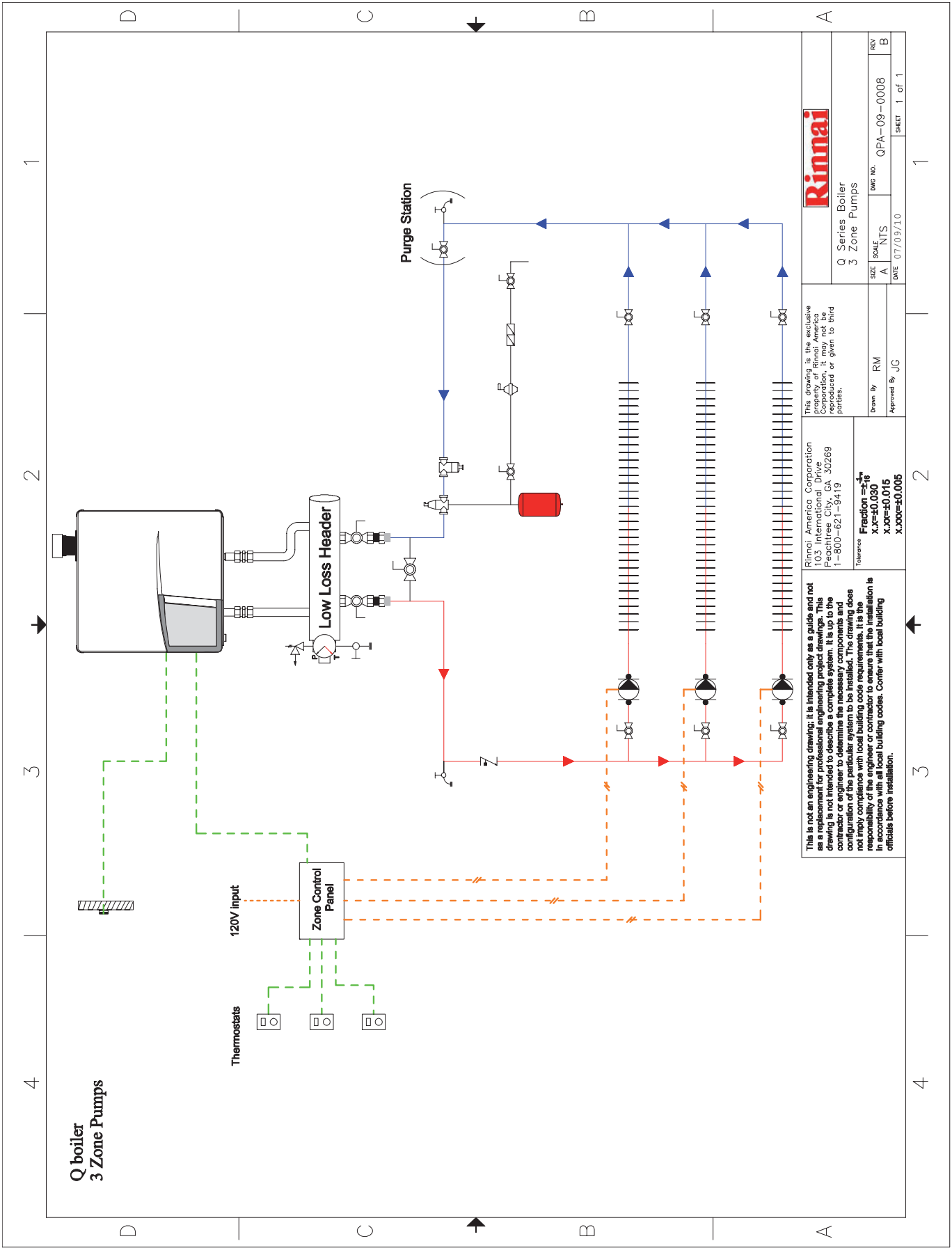
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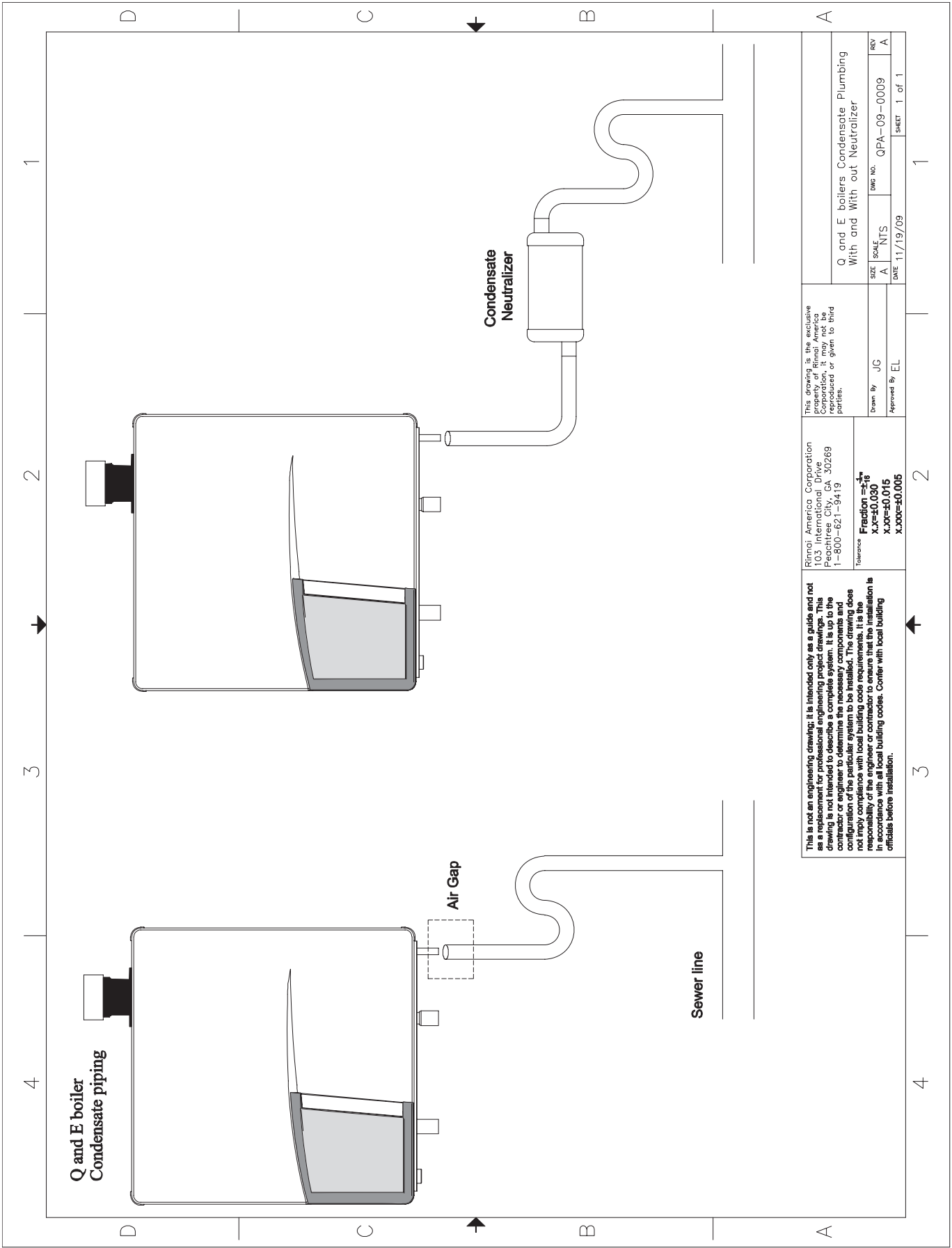
Q Series Boiler Snow Melt System		REV
SIZE	SCALE	DATE
A	NTS	QPA-09-0007
DATE 07/09/10		SHEET 1 of 1

Drawn By RM
Approved By JG

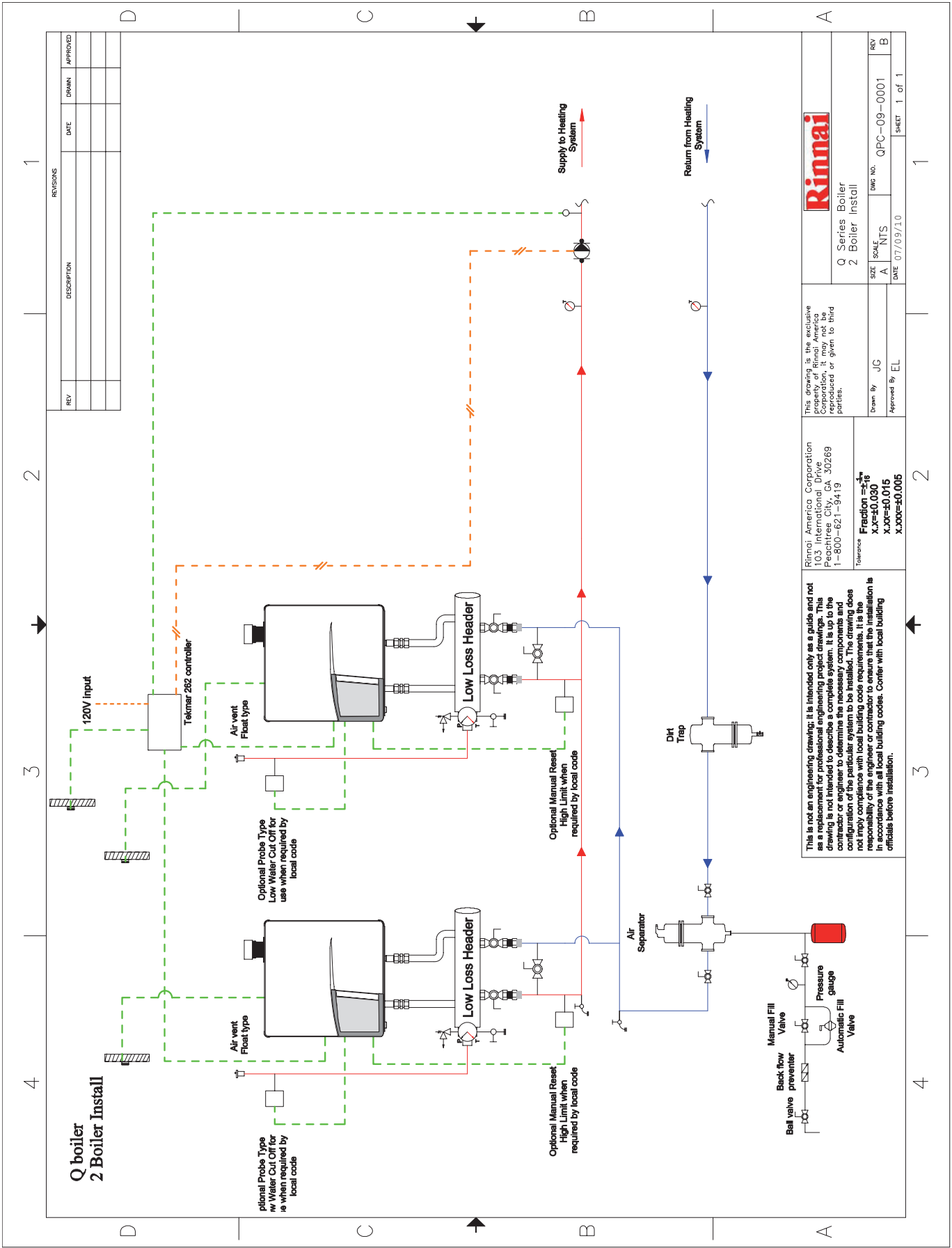
Fraction $\frac{1}{16}$
XX-XX-XX
XX-XX-XX



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<p>Rinnai America Corporation 103 International Drive Peachtree City, GA 30269 1-800-621-9419</p>		<p>Rinnai</p>	
<p>Tolerance Fraction $\pm \frac{1}{16}$ XXX±0.030 XXX±0.015 XXX±0.005</p>		<p>Q Series Boiler 3 Zone Pumps</p>	
<p>Drawn By RM</p>		<p>SIZE A SCALE NTS DATE 07/09/10</p>	
<p>Approved By JC</p>		<p>DWG NO. QPA-09-0008 REV B</p>	
<p>SHEET 1 of 1</p>		<p>1</p>	

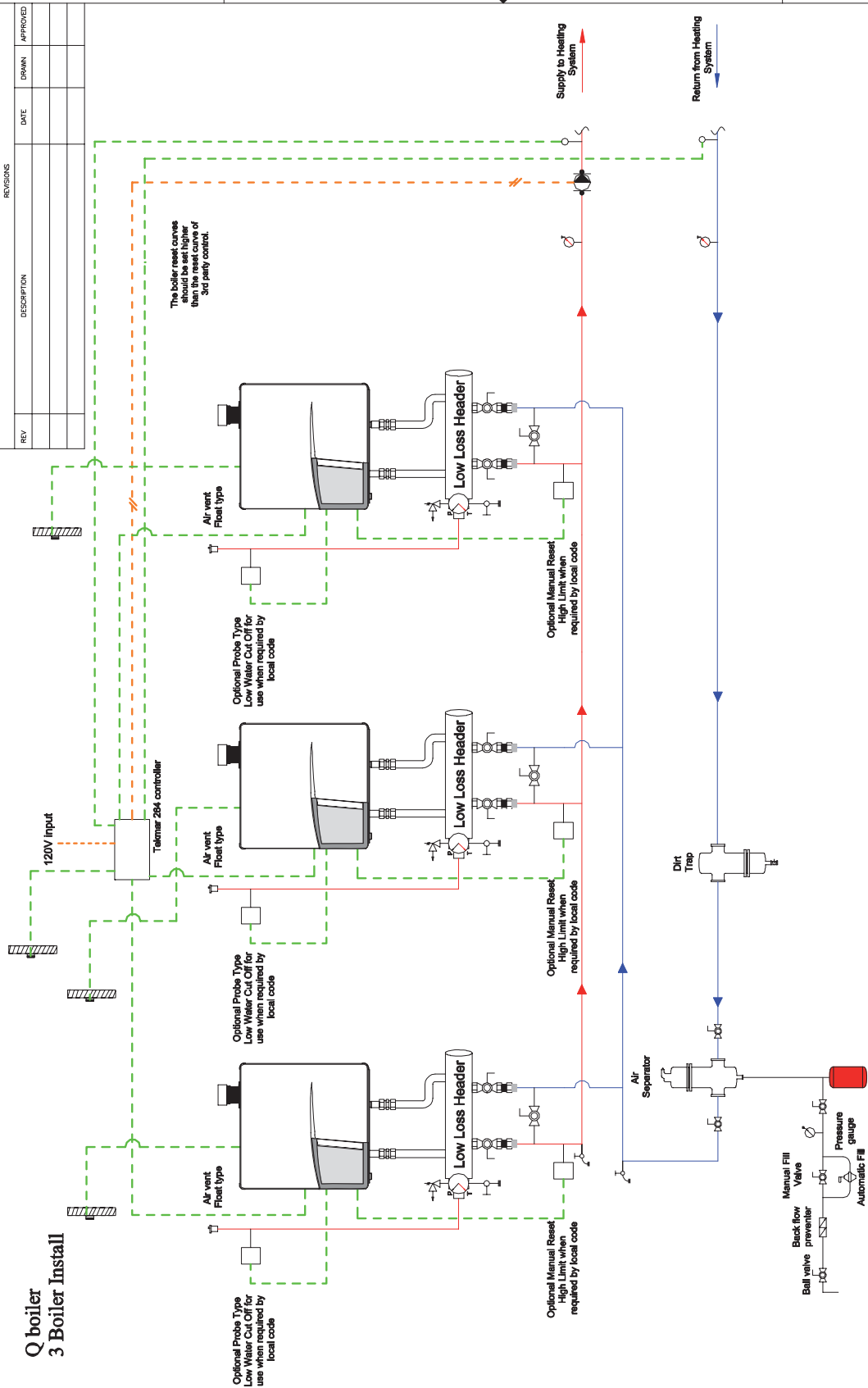


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			SIZE A	REV A
Tolerance Fraction $\pm \frac{1}{16}$ XXX ± 0.030 XXX ± 0.015 XXX ± 0.005	Drawn By JG	DATE 11/19/09	SCALE NTS	DWG NO. QPA-09-0009
	Approved By EL			SHEET 1 of 1

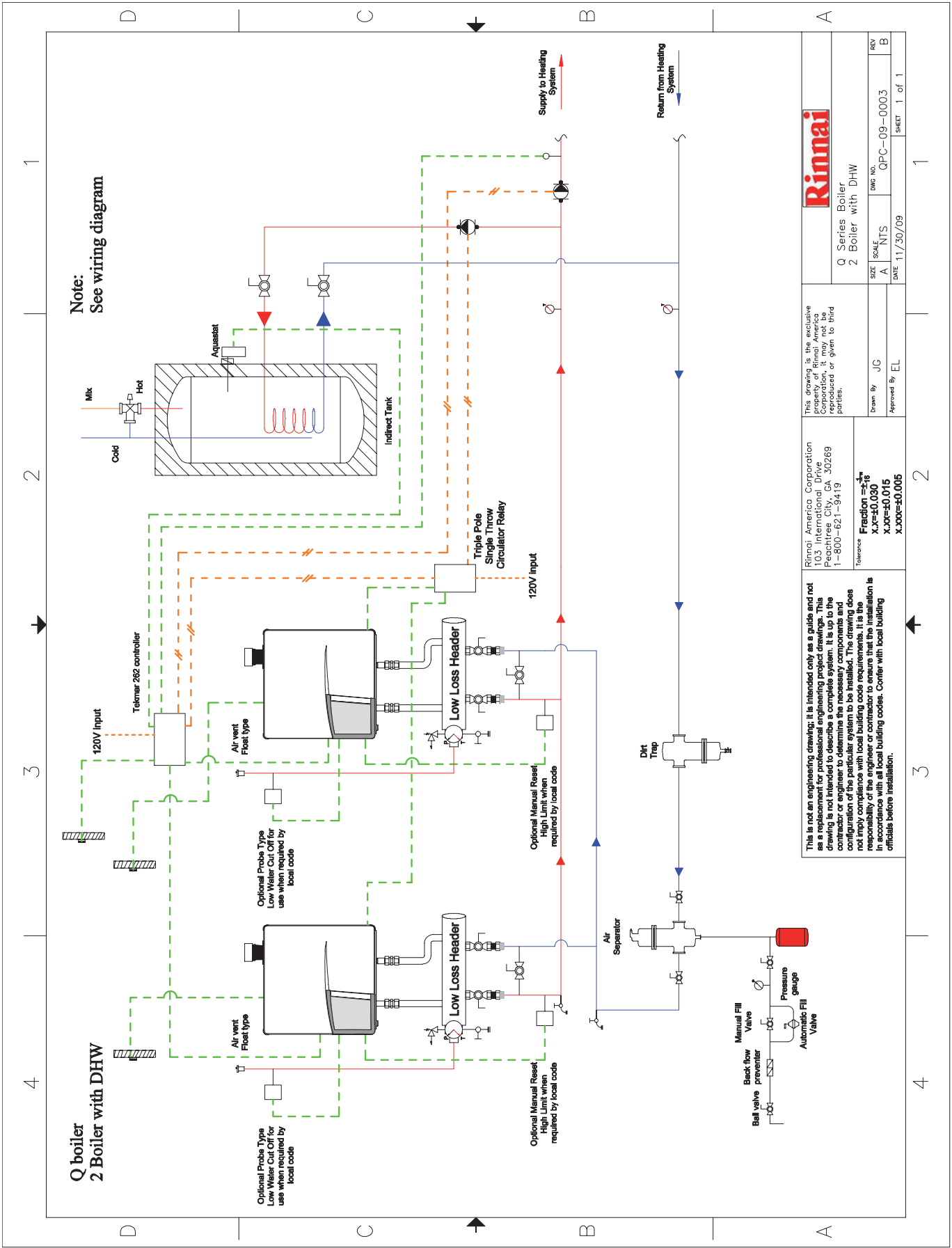


Q boiler 3 Boiler Install

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



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<p>Rinnai America Corporation 103 International Drive Peachtree City, GA 30269 1-800-621-9419</p>		<p>Rinnai Q Series Boiler 3 Boiler Install</p>	
<p>Fraction $\frac{1}{16}$ XXX=±0.030 X.XXX=±0.015 X.XXX=±0.005</p>		<p>Drawn By: JG Approved By: EL Scale: NTS Date: 07/09/10</p>	
<p>QPC-09-0002</p>		<p>Sheet 1 of 1</p>	



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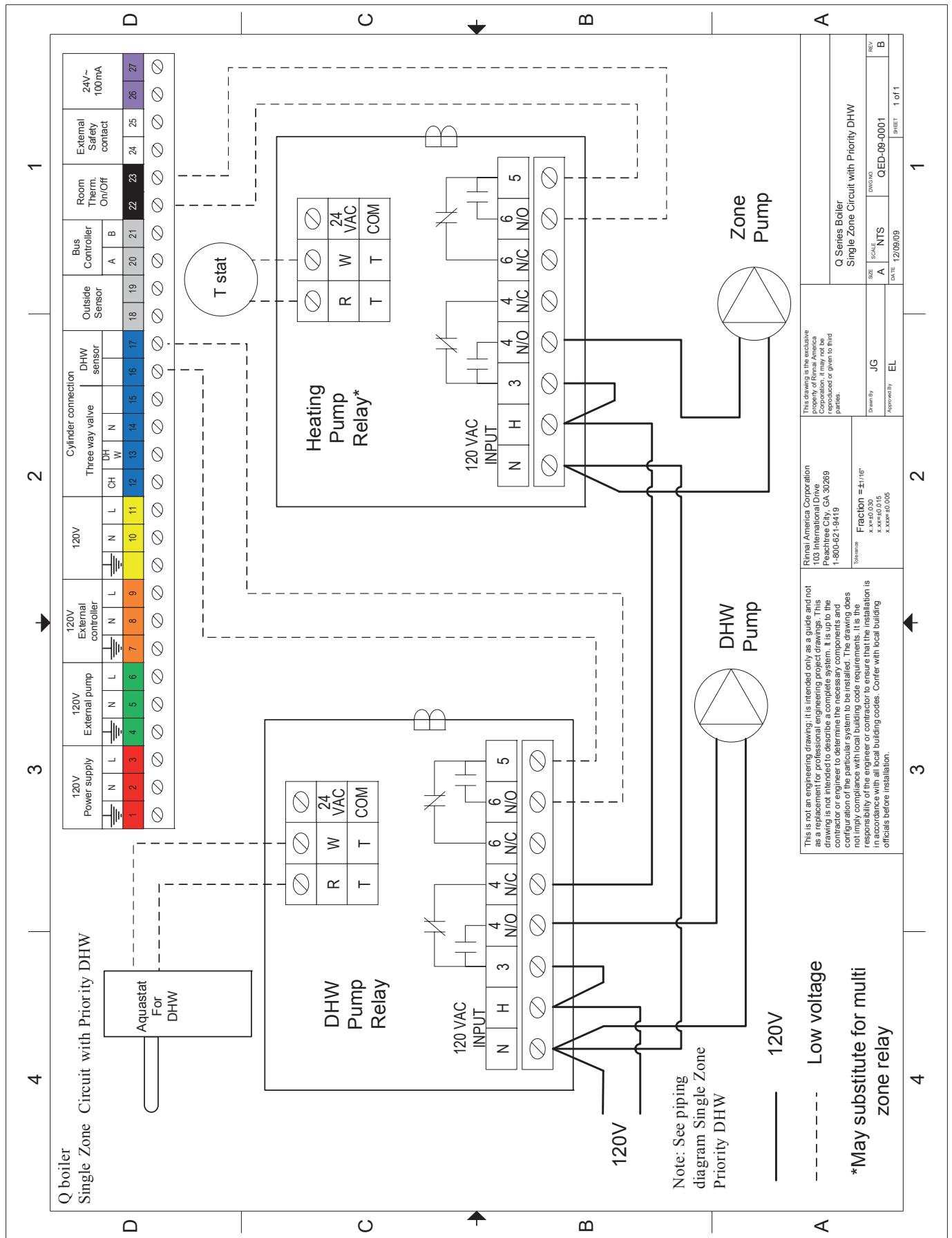
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Fraction $\frac{1}{16}$
X.XX±0.030
X.XXX±0.015
X.XXXX±0.005

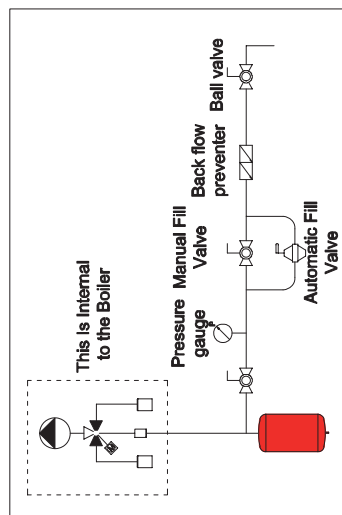
Q Series Boiler
2 Boiler with DHW

Drawn By: JG
Approved By: EL
Scale: A
Date: 11/30/09
Sheet: 1 of 1

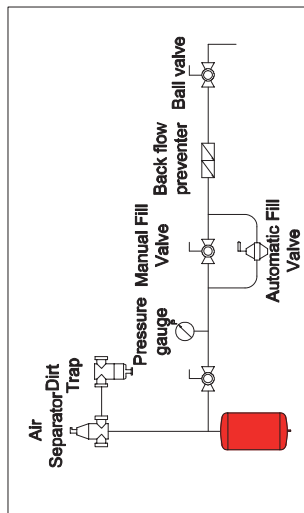


Rinnai Boilers Legend

The following picture illustrates a suggested arrangement. Some of the fittings are optional.

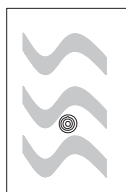


The following picture illustrates a suggested arrangement. Some of the fittings are optional.



Snow Melt Sensor

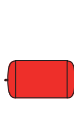
Snow Melt System



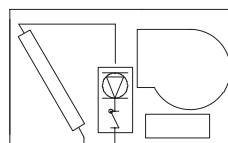
Baseboard Convactor



Expansion tank



Rinnai Air Handler



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Two way motorized valve



Pressure relief valve



Swing Check valve



Air Separator



Pressure and Temperature gauge



Temperature gauge



Commercial Dirt Trap



Commercial Air Separator



Return Manifold



Supply Manifold



Heat exchanger



Divert Tee



Pressure gauge



Flow Check valve



Spring Loaded Check Valve



Pump Isolation Flanges



Dielectric union



Air vent Float type



Automatic Fill Valve



Zone valve



Pressure Reducing Valve



Ball valve



Back flow preventer



Balancing Valve



Four way motorized valve



Three way motorized valve



Differential Bypass



Boiler Drain



Outdoor Sensor



Expansion tank



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Expansion tank



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Expansion tank



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Expansion tank



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Expansion tank



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Expansion tank



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Expansion tank



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Expansion tank



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Expansion tank



Panel Radiator



Cast Iron Radiator



Temperature Sensor



Outdoor Sensor



Expansion tank



Panel Radiator



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Temperature Sensor



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Temperature Sensor



Notes

Notes

Notes

Ask about **Rinnai**[®]

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Tankless Water Heaters

- Residential and Commercial Applications
- Continuous Hot Water
- ENERGY STAR[®] qualified models
- Up to 9.8 GPM
- Internal or External Installation
- Digital Temperature Control



Direct Vent Furnaces

- High Efficiency
- Cool-to-the-touch Cabinet
- Vent Terminal A Included
- Blower Included



Direct-Vent Fireplace, RHFE-750ETRA

- Up to 83% AFUE Energy Efficiency
- Zero-Clearance Installation
- Available in Four Options of Fronts
- Remotes and Fan Included
- Gas Conversion Kit Available



Hydronic Air Handler

- Designed for Use with Rinnai Systems
- Domestic Hot Water Priority
- Optional Programmable Thermostat
- Zero Clearance to Combustibles
- Accommodates Standard Cased-Coils



Boilers

- Residential and Commercial Applications
- ENERGY STAR[®] qualified models
- Up to 96.5% AFUE efficiency
- Compact wall mounted design
- ASME accredited models



Condensing Tankless Water Heaters

- Residential and Commercial Applications
- ENERGY STAR[®] qualified models
- Up to 95% thermal efficiency
- Internal or External Installation
- Pair up with the Rinnai Air Handler for efficient home heating



Rinnai Impression - Outdoor Fireplace

- Options include one-sided open, two-sided open, and freestanding.
- No electrical requirements
- Propane or convertible to natural gas with conversion kit provided
- Modular construction offers design flexibility

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www.rinnairegistration.com
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FAX: 678-829-1666
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